run:

Adding value : 122687

Adding value : 61289

Adding value : 30604

Adding value : 15241

Adding value : 7652

Adding value : 3839

Adding value : 1946

…..one two skip 244986 or so…..

Adding value : 244994

Adding value : 244995

Adding value : 244998

Adding value : 244999

Enter a number to find: 244999

Found value 244999, 17 levels in.

Enter 0 to quit, any other number will continue

1

Enter a number to find: 244998

Found value 244998, 16 levels in.

Enter 0 to quit, any other number will continue

1

Enter a number to find: 122687

Found value 122687, 0 levels in.

Enter 0 to quit, any other number will continue

1

Enter a number to find: 61289

Found value 61289, 1 levels in.

Enter 0 to quit, any other number will continue

0

BUILD SUCCESSFUL (total time: 1 minute 8 seconds)